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\*Admitted only in Maryland  
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•Practice Limited to Federal Agencies

April 8, 2004

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Art Unit 1641

Re: U.S. Utility Patent Application  
Appl. No. 10/656,269; Filed: September 8, 2003  
For: **Immune Modulatory Compounds and Methods**  
Inventors: *Vogt et al.*  
Our Ref: 1700.0390002/JAG/FRC

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Information Disclosure Statement;
2. Form PTO-1449 (20 sheets citing 62 documents);
3. 62 documents cited in Form PTO-1449; and
4. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

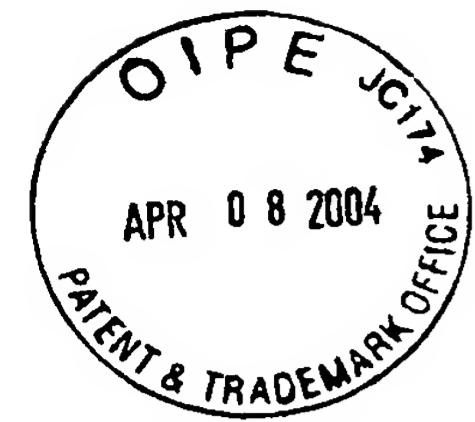
Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

*Frank R. Cottingham*  
Frank R. Cottingham  
Attorney for Applicants  
Registration No. 50,437

JAG/FRC/lam  
Enclosures

249871.1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Vogt *et al.*

Appl. No.: 10/656,269

Filed: September 8, 2003

**For: Immune Modulatory Compounds  
and Methods**

Confirmation No.: 8652

Art Unit: 1641

Examiner: *To Be Assigned*

Atty. Docket: 1700.0390002/JAG/FRC

**Information Disclosure Statement**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. A copy of each document is also provided.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

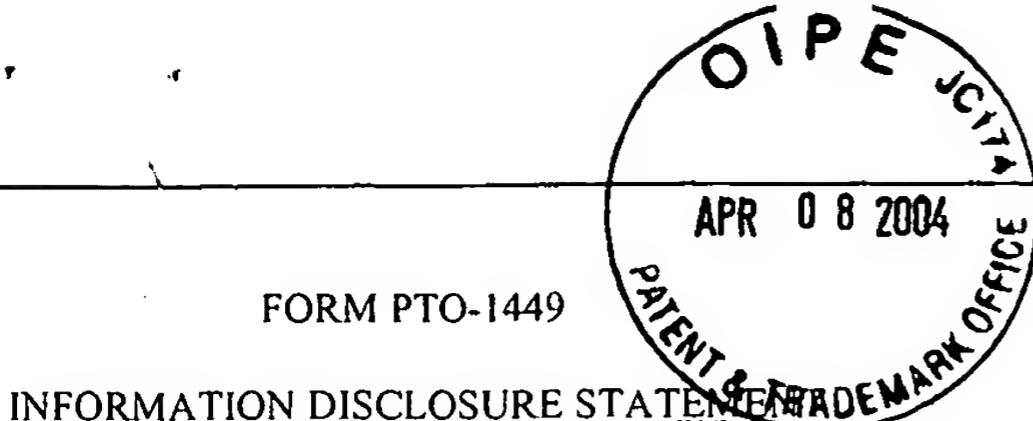


Frank R. Cottingham  
Attorney for Applicants  
Registration No. 50,437

Date: APR. 8, 2004

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.  
1700.0390002/JAG/FRCAPPLICATION NO.  
10/656,269APPLICANT  
Vogt et al.FILING DATE  
September 8, 2003GROUP  
1641**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA1	6, 524, 792 B1	02 / 25 / 2003	Renner et al.			11 / 17 / 1998
	AB1						
	AC1						
	AD1						
	AE1						
	AF1						
	AG1						
	AH1						
	AJ1						
	AK1						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL1	WO 02/10187 A1	02 / 07 / 2002	WIPO			Yes No
	AM1						Yes No
	AN1						Yes No
	AO1						Yes No
	AP1						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

	AR	1	Acsadi, G., et al., "Dystrophin expression in muscles of mdx mice after adenovirus-mediated in vivo gene transfer". <i>Hum Gene Ther.</i> 1996 Jan 20;7(2):129-40
	AS	1	Agenes, F., et al., "Independent homeostatic regulation of B cell compartments". <i>Eur J Immunol.</i> 1997 Jul;27(7):1801-7, WILEY-VCH Verlag GmbH, D-69451 Weinheim
	AT	1	Aicher, A., et al., "Characterization of human inducible costimulator ligand expression and function". <i>J Immunol.</i> 2000 May 1;164(9):4689-96, The American Association of Immunologists
EXAMINER		DATE CONSIDERED	

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA2						
	AB2						
	AC2						
	AD2						
	AE2						
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**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL2						Yes No
	AM2						Yes No
	AN2						Yes No
	AO2						Yes No
	AP2						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

	AR	2	Altschul, S.F., <i>et al.</i> , "Basic local alignment search tool". <i>J Mol Biol.</i> 1990 Oct 5;215(3):403-10, Academic Press
	AS	2	Bachmann, M.F. and Kundig, T.M., "In vivo versus in vitro assays for assessment of T- and B- cell function". <i>Curr Opin Immunol.</i> 1994 Apr;6(2):320-6, Current Biology Ltd.
	AT	2	Brodie, D., <i>et al.</i> , "LICOS, a primordial costimulatory ligand?". <i>Curr Biol.</i> 2000 Mar 23;10(6):333-6, Elsevier Science
EXAMINER		DATE CONSIDERED	

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA3						
	AB3						
	AC3						
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	AJ3						
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**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL3						Yes No
	AM3						Yes No
	AN3						Yes No
	AO3						Yes No
	AP3						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

	AR	<u>3</u>	Chapoval, A.I., <i>et al.</i> , "B7-H3: a costimulatory molecule for T cell activation and IFN-gamma production". <i>Nat Immunol.</i> 2001 Mar;2(3):269-74, Nature Publishing Group
	AS	<u>3</u>	Devereux, J., <i>et al.</i> , "A comprehensive set of sequence analysis programs for the VAX". <i>Nucleic Acids Res.</i> 1984 Jan 11;12(1 Pt 1):387-95, Oxford University Press
	AT	<u>3</u>	Dong, C., <i>et al.</i> , "Cutting edge: critical role of inducible costimulator in germinal center reactions". <i>J Immunol.</i> 2001 Mar 15;166(6):3659-62, The American Association of Immunologists
EXAMINER		DATE CONSIDERED	

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FORM PTO-1449 <b>INFORMATION DISCLOSURE STATEMENT</b>		ATTY. DOCKET NO. 1700.039002/JAG/FRC		APPLICATION NO. 10/656,269	
		APPLICANT <i>Vogt et al.</i>			
		FILING DATE September 8, 2003		GROUP 1641	

<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA4						
	AB4						
	AC4						
	AD4						
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	AI4						
	AJ4						
	AK4						

<b>FOREIGN PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL4						Yes No
	AM4						Yes No
	AN4						Yes No
	AO4						Yes No
	AP4						Yes No

<b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>			
	AR	4	Dong, C., <i>et al.</i> , "ICOS co-stimulatory receptor is essential for T-cell activation and function". <i>Nature</i> . 2001 Jan 4;409(6816):97-101, Macmillan Magazines Ltd.
	AS	4	Dong, H., <i>et al.</i> , "B7-H1, a third member of the B7 family, co-stimulates T-cell proliferation and interleukin-10 secretion". <i>Nat Med</i> . 1999 Dec;5(12):1365-9, Nature Publishing Company
	AT	4	Durbaka, V.R., <i>et al.</i> , "B7S1, a Novel B7 family Member that Negatively regulates T Cell Activation". <i>Immunity</i> . 2003 June;8:863-873, Cell Press
EXAMINER		DATE CONSIDERED	

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		APPLICANT <i>Vogt et al.</i>			
		FILING DATE September 8, 2003		GROUP 1641	

<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AAS							
ABS							
ACS							
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AE5							
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<b>FOREIGN PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
ALS							Yes No
AM5							Yes No
AN5							Yes No
AOS							Yes No
AP5							Yes No

<b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	EXAMINER	DATE	REFERENCE				
	AR	5	Federico, M., "Lentiviruses as gene delivery vectors". <i>Curr Opin Biotechnol.</i> 1999 Oct;10(5):448-53, Current Biology Ltd.				
	AS	5	Freeman, G.J., <i>et al.</i> , "Engagement of the PD-1 immunoinhibitory receptor by a novel B7 family member leads to negative regulation of lymphocyte activation". <i>J Exp Med.</i> 2000 Oct 2;192(7):1027-34, The Rockefeller University Press				
	AT	5	Freeman, G.J., <i>et al.</i> , "CTLA-4 and CD28 mRNA are coexpressed in most T cells after activation. Expression of CTLA-4 and CD28 mRNA does not correlate with the pattern of lymphokine production". <i>J Immunol.</i> 1992 Dec 15;149(12):3795-801, The American Association of Immunologists				
EXAMINER		DATE CONSIDERED					

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<u>INFORMATION DISCLOSURE STATEMENT</u>		
APPLICANT <i>Vogt et al.</i>		
FILING DATE September 8, 2003	GROUP 1641	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA6					
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## **FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
		AL6					Yes No
		AM6					Yes No
		AN6					Yes No
		AO6					Yes No
		AP6					Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

	AR	<u>6</u>	Freitas, A.A., et al., "The role of cellular competition in B cell survival and selection of B cell repertoires". <i>Eur J Immunol.</i> 1995 Jun;25(6):1729-38, WILEY-VCH Verlag GmbH, D-69451 Weinheim
	AS	<u>6</u>	Freitas, A.A., et al., "Cellular competition modulates survival and selection of CD8+ T cells". <i>Eur J Immunol.</i> 1996 Nov;26(11):2640-9, WILEY-VCH Verlag GmbH, D-69451 Weinheim
	AT	<u>6</u>	Gossen, M., et al., "Tight control of gene expression in mammalian cells by tetracycline-responsive promoters". <i>Proc Natl Acad Sci U S A.</i> 1992 Jun 15;89(12):5547-51, National Academy Press

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		APPLICANT Vogt <i>et al.</i>	
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<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA7							
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<b>FOREIGN PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL7						Yes No
	AM7						Yes No
	AN7						Yes No
	AO7						Yes No
	AP7						Yes No

<b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>			
	AR	7	Greenwald, R.J., <i>et al.</i> , "CTLA-4 regulates induction of anergy in vivo". <i>Immunity</i> . 2001 Feb;14(2):145-55, Cell Press
	AS	7	Huse, W.D., <i>et al.</i> , "Generation of a large combinatorial library of the immunoglobulin repertoire in phage lambda". <i>Science</i> . 1989 Dec 8;246(4935):1275-81. American Association for the Advancement of Science
	AT	7	Hutloff, A., <i>et al.</i> , ICOS is an inducible T-cell co-stimulator structurally and functionally related to CD28". <i>Nature</i> . 1999 Jan 21;397(6716):263-6, Macmillan Magazines Ltd.
EXAMINER		DATE CONSIDERED	

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1641**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA8						
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**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM8						Yes No
	AN8						Yes No
	AO8						Yes No
	AP8						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

	AR	<u>8</u>	Ikemizu, S., <i>et al.</i> , "Structure and dimerization of a soluble form of B7-1". <i>Immunity</i> . 2000 Jan;12(1):51-60, Cell Press
	AS	<u>8</u>	Ishida, Y., <i>et al.</i> , "Induced expression of PD-1, a novel member of the immunoglobulin gene superfamily, upon programmed cell death". <i>EMBO J</i> . 1992 Nov;11(11):3887-95, Oxford University Press
	AT	<u>8</u>	Jaynes, J.B., <i>et al.</i> , "Transcriptional regulation of the muscle creatine kinase gene and regulated expression in transfected mouse myoblasts". <i>Mol Cell Biol</i> . 1986 Aug;6(8):2855-64, American Society for Microbiology

EXAMINER

DATE CONSIDERED

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FORM PTO-1449 <b>INFORMATION DISCLOSURE STATEMENT</b>		ATTY. DOCKET NO. 1700.0390002/JAG/FRC	APPLICATION NO. 10/656,269
		APPLICANT <i>Vogt et al.</i>	
		FILING DATE September 8, 2003	GROUP 1641

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA9						
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**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL9						Yes No
	AM9						Yes No
	AN9						Yes No
	AO9						Yes No
	AP9						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

	AR	9	June, C.H., <i>et al.</i> , "Role of the CD28 receptor in T-cell activation". <i>Immunol Today</i> . 1990 Jun;11(6):211-6, Elsevier Science Ltd
	AS	9	Kay, M.A., <i>et al.</i> , "Viral vectors for gene therapy: the art of turning infectious agents into vehicles of therapeutics". <i>Nat Med</i> . 2001 Jan;7(1):33-40, Nature Publishing Company
	AT	9	Kitamura, D., <i>et al.</i> , "A B cell-deficient mouse by targeted disruption of the membrane exon of the immunoglobulin mu chain gene". <i>Nature</i> . 1991 Apr 4;350(6317):423-6, Nature Publishing Group
EXAMINER		DATE CONSIDERED	

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	AA10						
	AB10						
	AC10						
	AD10						
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**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL10						Yes No
	AM10						Yes No
	AN10						Yes No
	AO10						Yes No
	AP10						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

AR	<u>10</u>	Kohler, G., <i>et al.</i> , "Continuous cultures of fused cells secreting antibody of predefined specificity". <i>Nature</i> . 1975 Aug 7;256(5517):495-7, Nature Publishing Group
AS	<u>10</u>	Latchman, Y., <i>et al.</i> , "PD-L2 is a second ligand for PD-1 and inhibits T cell activation". <i>Nat Immunol</i> . 2001 Mar;2(3):261-8, Nature Publishing Group
AT	<u>10</u>	Latchman, D.S., <i>et al.</i> , "Gene delivery and gene therapy with herpes simplex virus-based vectors". <i>Gene</i> . 2001 Feb 7;264(1):1-9, Elsevier

EXAMINER	DATE CONSIDERED
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	AA11						
	AB11						
	AC11						
	AD11						
	AE11						
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	AJ11						
	AK11						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL11						Yes No
	AM11						Yes No
	AN11						Yes No
	AO11						Yes No
	AP11						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

	AR	<u>11</u>	Lenschow, D.J., <i>et al.</i> , "CD28/B7 regulation of Th1 and Th2 subsets in the development of autoimmune diabetes". <i>Immunity</i> . 1996 Sep;5(3):285-93, Cell Press
	AS	<u>11</u>	Letunic, I., <i>et al.</i> , "Recent improvements to the SMART domain-based sequence annotation resource". <i>Nucleic Acids Res.</i> 2002 Jan 1;30(1):242-4, Oxford University Press
	AT	<u>11</u>	Ling, V., <i>et al.</i> , "Cutting edge: identification of GL50, a novel B7-like protein that functionally binds to ICOS receptor". <i>J Immunol.</i> 2000 Feb 15;164(4):1653-7, The American Association of Immunologists

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1641**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA12						
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**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL12						Yes No
	AM12						Yes No
	AN12						Yes No
	AO12						Yes No
	AP12						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

	AR	<u>12</u>	Linsley, P.S., <i>et al.</i> , "CTLA-4 is a second receptor for the B cell activation antigen B7". <i>J Exp Med.</i> 1991 Sep 1;174(3):561-9, The Rockefeller University Press
	AS	<u>12</u>	Linsley, P.S., <i>et al.</i> , "T-cell antigen CD28 mediates adhesion with B cells by interacting with activation antigen B7/BB-1". <i>Proc Natl Acad Sci U S A.</i> 1990 Jul;87(13):5031-5, National Academy Press
	AT	<u>12</u>	Mages, H.W., <i>et al.</i> , "Molecular cloning and characterization of murine ICOS and identification of B7h as ICOS ligand". <i>Eur J Immunol.</i> 2000 Apr;30(4):1040-7, WILEY-VCH Verlag GmbH, D-69451 Weinheim

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	AA13						
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	AL13						Yes No
	AM13						Yes No
	AN13						Yes No
	AO13						Yes No
	AP13						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

	AR	<u>13</u>	Mombaerts, P., <i>et al.</i> , "Mutations in T-cell antigen receptor genes alpha and beta block thymocyte development at different stages". <i>Nature</i> . 1992 Nov 19;360(6401):225-31, Nature Publishing Group
	AS	<u>13</u>	Nishimura, H., <i>et al.</i> , "Development of lupus-like autoimmune diseases by disruption of the PD-1 gene encoding an ITIM motif-carrying immunoreceptor". <i>Immunity</i> . 1999 Aug;11(2):141-51, Cell Press
	AT	<u>13</u>	Nishimura, H., <i>et al.</i> , "Autoimmune dilated cardiomyopathy in PD-1 receptor-deficient mice". <i>Science</i> . 2001 Jan 12;291(5502):319-22, American Association for the Advancement of Science
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	AL14						Yes No
	AM14						Yes No
	AN14						Yes No
	AO14						Yes No
	AP14						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

	AR	<u>14</u>	Norderhaug, L., <i>et al.</i> , "Versatile vectors for transient and stable expression of recombinant antibody molecules in mammalian cells". <i>J Immunol Methods</i> . 1997 May 12;204(1):77-87, Elsevier Science
	AS	<u>14</u>	NCBI Entrez, GenBank Report, Accession No.XP_087714 (August 2002)
	AT	<u>14</u>	NCBI Entrez, GenBank Report, Accession No.XP_087460 (August 2002)
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA15						
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL15						Yes No
	AM15						Yes No
	AN15						Yes No
	AO15						Yes No
	AP15						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
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	AR	<u>15</u>	Olson, G.L., <i>et al.</i> , "Concepts and progress in the development of peptide mimetics". <i>J Med Chem.</i> 1993 Oct 15;36(21):3039-49, American Chemical Society
	AS	<u>15</u>	Quantin, B., <i>et al.</i> , "Adenovirus as an expression vector in muscle cells in vivo". <i>Proc Natl Acad Sci U S A.</i> 1992 Apr 1;89(7):2581-4., National Academy Press
	AT	<u>15</u>	Rabinowitz, J.E., <i>et al.</i> , "Adeno-associated virus expression systems for gene transfer". <i>Curr Opin Biotechnol.</i> 1998 Oct;9(5):470-5, Current Biology Ltd.
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	AA16						
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	AL16						Yes No
	AM16						Yes No
	AN16						Yes No
	AO16						Yes No
	AP16						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

	AR	<u>16</u>	Ragot, T., <i>et al.</i> , "Efficient adenovirus-mediated transfer of a human minidystrophin gene to skeletal muscle of mdx mice". <i>Nature</i> . 1993 Feb 18;361(6413):647-50, Nature Publishing Group
	AS	<u>16</u>	Schwartz, J.C., <i>et al.</i> , "Structural basis for co-stimulation by the human CTLA-4/B7-2 complex". <i>Nature</i> . 2001 Mar 29;410(6828):604-8, Nature Publishing Group
	AT	<u>16</u>	Schweitzer, A.N., <i>et al.</i> , "Studies using antigen-presenting cells lacking expression of both B7-1 (CD80) and B7-2 (CD86) show distinct requirements for B7 molecules during priming versus restimulation of Th2 but not Th1 cytokine production". <i>J Immunol</i> . 1998 Sep 15;161(6):2762-71, The American Association of Immunologists

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	AL17						Yes No
	AM17						Yes No
	AN17						Yes No
	AO17						Yes No
	AP17						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

	AR	<u>17</u>	Sica, G.L., <i>et al.</i> , "B7-H4, a molecule of the B7 family, negatively regulates T cell immunity". <i>Immunity</i> . 2003 Jun;18(6):849-61, Cell Press
	AS	<u>17</u>	Somia, N., <i>et al.</i> , "Gene therapy: trials and tribulations". <i>Nat Rev Genet</i> . 2000 Nov;1(2):91-9
	AT	<u>17</u>	Stamper, C.C., <i>et al.</i> , "Crystal structure of the B7-1/CTLA-4 complex that inhibits human immune responses". <i>Nature</i> . 2001 Mar 29;410(6828):608-11, Nature Publishing Group
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	AL18						Yes No
	AM18						Yes No
	AN18						Yes No
	AO18						Yes No
	AP18						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

	AR	<u>18</u>	Swallow, M.M., <i>et al.</i> , "B7h, a novel costimulatory homolog of B7.1 and B7.2, is induced by TNFalpha". <i>Immunity</i> . 1999 Oct;11(4):423-32, Cell Press
	AS	<u>18</u>	Tanchot, C., <i>et al.</i> , "Lymphocyte homeostasis". <i>Semin Immunol</i> . 1997 Dec;9(6):331-7
	AT	<u>18</u>	Tseng, S.Y., <i>et al.</i> , "B7-DC, a new dendritic cell molecule with potent costimulatory properties for T cells". <i>J Exp Med</i> . 2001 Apr 2;193(7):839-46, The Rockefeller University Press
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	AL19						Yes No
	AM19						Yes No
	AN19						Yes No
	AO19						Yes No
	AP19						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

	AR	<u>19</u>	Van Deutkom, J.C., <i>et al.</i> , "Implications of maturation for viral gene delivery to skeletal muscle". <i>Neuromuscul Disord.</i> 1998 May;8(3-4):135-48
	AS	<u>19</u>	Wang, S., <i>et al.</i> , "Costimulation of T cells by B7-H2, a B7-like molecule that binds ICOS". <i>Blood.</i> 2000 Oct 15;96(8):2808-13, The American Society of Hematology
	AT	<u>19</u>	Ward, E.S., <i>et al.</i> , "Binding activities of a repertoire of single immunoglobulin variable domains secreted from <i>Escherichia coli</i> ". <i>Nature.</i> 1989 Oct 12;341:544-546, Nature Publishing Group
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	AL20						Yes No
	AM20						Yes No
	AN20						Yes No
	AO20						Yes No
	AP20						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

	AR	<u>20</u>	Watanabe, N., et al., "BTLA is a lymphocyte inhibitory receptor with similarities to CTLA-4 and PD-1". <i>Nat Immunol.</i> 2003 Jul;4(7):670-9,
	AS	<u>20</u>	Yoshinaga, S.K., et al., "T-cell co-stimulation through B7RP-1 and ICOS". <i>Nature</i> . 1999 Dec 16;402(6763):827-32, Nature Publishing Group
	AT	<u>20</u>	Yoshinaga, S.K., et al., "Characterization of a new human B7-related protein: B7RP-1 is the ligand to the co-stimulatory protein ICOS". <i>Int Immunol.</i> 2000 Oct;12(10):1439-47
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